



# SPEAKER SYSTEM 3 Way With 12" Woofer

## OPERATING INSTRUCTIONS

### SPEAKER PLACEMENT

These speakers may be used in pairs for stereo or for four-channel sound reproduction. In either case, the speaker(s) may be placed vertically or horizontally without affecting the quality of sound reproduction.

We recommend that you try several locations before deciding on a permanent arrangement. The speakers should be placed along a wall, at *or* near ear level (for maximum clarity of the treble tones), with no large objects obstructing the sound path between the speakers and the listening area. In a stereo system, the speakers should be equidistant from the listening area. As a rough rule of thumb, the distance between the listening area and the speakers should be approximately  $1\frac{1}{2}$  to 2 times the distance separating the speakers.

It is important to experiment with speaker placement when setting up a home music system. The unpredictable effects resulting from particular furniture arrangements and room dimensions sometimes require unusual speaker placement.

### SPEAKER CONNECTIONS

(1) You may connect each speaker to your receiver or amplifier—for distances up to 30 feet—with common No. 18 two-conductor lamp cord of the appropriate length. (Should you want to hide the cable behind a molding or under a carpet, use flat TV Antenna twin-lead instead.) For distances *greater* than 30 feet, use heavy-duty cable (at least No. 16) to prevent power losses in the wiring. Strip about half an inch of insulation from both ends of each conductor and twist the exposed strands of wire tightly so that the wire ends become easy to handle and good contact can be maintained. If you tack each cable to a wall or baseboard, make sure that the tack or staple does not cut or short-circuit the conductors under the insulation.

(2) Look for the marking on each cable which distinguishes one conductor from the other: a small distinctive color, stripe, or raised ridge on one of the insulating coverings; a thread *under* one of them; or a different color metal for each conductor.

(3) Your receiver or amp's output terminals to the speaker cabinet will have one terminal labeled, "COM, GND, O, (-)" or something similar to indicate that this terminal is the negative terminal. The other terminal will have "HI, 8 OHM, 4-16 (+)" or some other indication that it is the positive terminal. Connect the speaker at the left of your listening position to its respective pair of terminals on the unit's left speaker output, and the speaker at your right to the corresponding pair of terminals on the unit's right speaker output.

**Power ratings** shown on I.D. label on the rear panel of your speaker. The value listed under minimum is the minimum amplifier power required that will produce a comfortable listening level. The maximum rating shown is the maximum amplifier rating the speaker is designed for. If this speaker system is used with an amplifier exceeding the maximum rating on the speaker I.D. label, caution must be exercised and the volume control of the amplifier must be turned down sufficiently.

### CLEANING THE SPEAKER ENCLOSURE

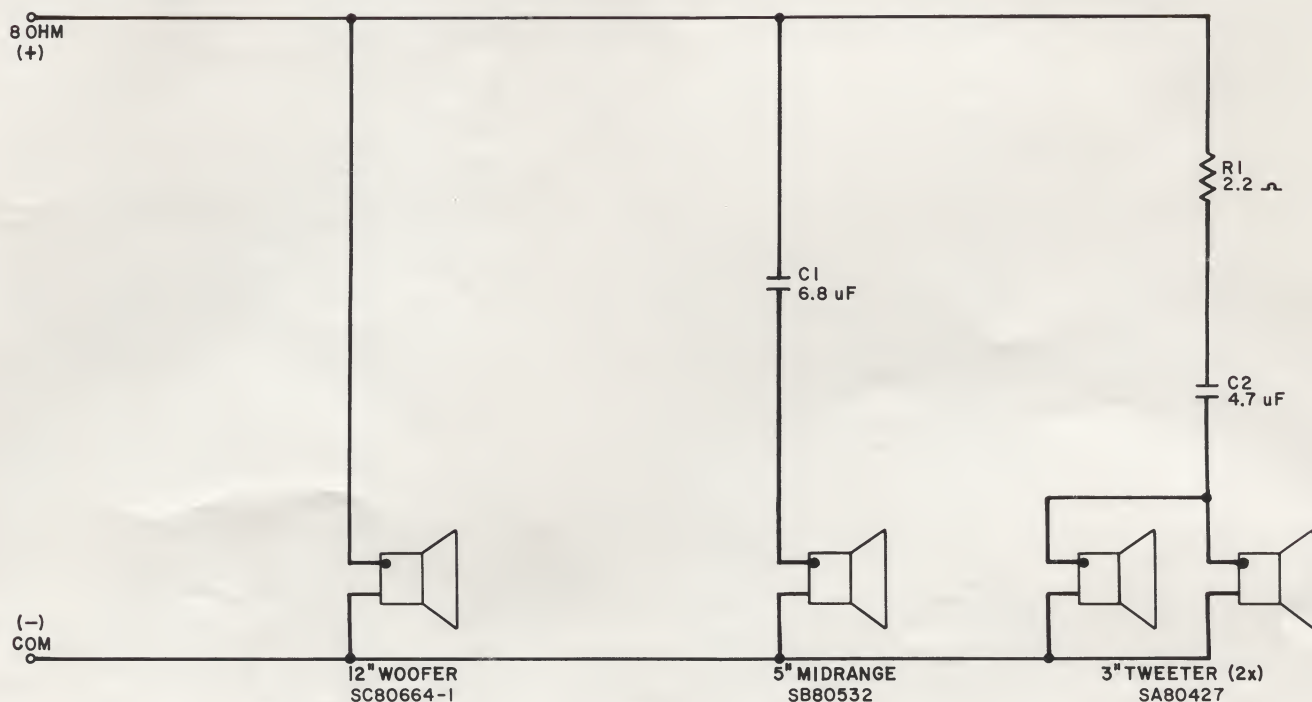
Your loud speaker enclosure has a protective coating and will retain its color and brilliance permanently with just an occasional dusting. However, it is possible that, over a period of time, a film from atmospheric contamination may dull the surfaces. Simply use a soft, *freshly laundered* cloth moistened with *plain lukewarm water* and the finish will look new again. Do not use any household or industrial cleaning and polishing agents or any cloth that has been used to apply such agents. While cleaning the front of the enclosure, be sure not to moisten any of the loud speakers.

**Record in space provided below the Serial No. of this Speaker. Numbers are located on the rear of the Speaker.**

**Serial No.** \_\_\_\_\_

**Retain these numbers for future reference.**

# SCHEMATIC AND PARTS LIST



C1 = 6.8 uF  
C2 = 4.7 uF  
R1 = 2.2  $\Omega$

70V NP CE80203-14  
70V NP CE80203-4  
5W RP5W2R2K

12" WOOFER SPEAKER  
5" MIDRANGE SPEAKER  
3" TWEETER SPEAKER

SC80664-1  
SB80532  
SA80427



## 5 YEAR LIMITED WARRANTY

For In-Warranty Service contact your Fisher dealer or Fisher Corporation  
21314 Lassen St., Chatsworth, California 91311.

These high fidelity speaker systems are warranted for five (5) years from date of purchase against failures due to defects in workmanship or materials. If such failure occurs, your speaker will be replaced or repaired (at our option) without charge for labor or materials. Warranty does not cover finishes or failure due to abuse or operation at other than specified ratings.